

IOOS Regional DIF

COLOR KEY: Implementation Status	Eligible Service (Not Operating)	Eligible Service (Operating) =	Non-Eligible Service		"Eligible" is being used only with respect to the IOOS Regional DIF Implementation effort. Two main elements: 1) is data being collected; and 2) is the web service supported.			
VALUE KEY: Operational Status	1 = Planned	2 = In Progress	3 = Min. Capacity	4 = In Testing	5 = Approved	6 = Certified	7 = Operational	
SERVICE KEY:	SOS = Sensor Observation Service		WCS = Web Coverage Service		WMS = Web Mapping Service		DAP = Data Access Protocol	

EXAMPLE  
CELL

7

7--> The cell value represents the operational level and  
links to a web page that includes a short description.

DIF CORE VARIABLE		CV: Water Temperature				CV: Water Level				CV: Salinity				CV: Surface Waves				CV: Surface Winds				CV: Surface Currents				CV: Ocean Color				CV: Model Output (Bonus)			
SERVICE TYPE		SOS	WCS	WMS	DAP	SOS	WCS	WMS	DAP	SOS	WCS	WMS	DAP	SOS	WCS	WMS	DAP	SOS	WCS	WMS	DAP	SOS	WCS	WMS	DAP	SOS	WCS	WMS	DAP	SOS	WCS	WMS	DAP
IOOS REGIONAL ASSOCIATIONS	AOOS	7																															
	CARA	1		1	1	1		1	1	1		1	1	1		2	1	3		3	3	1		1	1			1	1				
	CENCOOS																																
	GCOOS																																
	GLOS	1	2	2	2	1	2	2	2													1	3	4	3								
	MACOORA																																
	NANOOS	4	2		4	4	2		4	4	2		4	4	2		4	4	2		4	4	2		4	4	2		4				
	NERACOOS	2		7	7					2		1	7			1	7	2		7	7	2		7	7								
	PACIOOS																																
	SECOORA																																
	SCCOOS	1									1				1												1						
ELIGIBLE		10	8	8	9	7	6	6	7	9	6	6	8	7	8	9	7	7	6	7	8	7	7	7	9	2	3	2	3	189			
OPERATING		3	0	2	3	2	0	1	2	2	0	1	3	2	0	1	3	2	0	2	3	2	0	3	3	1	0	0	1	42			

EXAMPLE  
CELL

7

[http://rcoos.org/secoora/files/AOOS\\_CV1\\_SOS.htm](http://rcoos.org/secoora/files/AOOS_CV1_SOS.htm)

#### OPERATIONAL STATUS DESCRIPTIONS:

- (1) Planned: Service is being planned for implementation; assumes no coding or infrastructure allocated.
- (2) In Progress: Service development is actively in progress (i.e., under development).
- (3) Minimal Capacity: Service of some flavor is available; compliance is untested; includes categories of testing and partial implementation of initial services; minimal capacity exists enough for testing; alpha/beta states
- (4) Testing: Service is undergoing testing/evaluation (for DIF compliance) by approved third-party.
- (5) Approved: Service has passed testing/evaluation (for DIF compliance).
- (6) Certified: Service has passed internal QA/QC/QOS checks, certified for release, and published to registry
- (7) Operational: Service is actively in use by the customer base (i.e., subscriptions and related applications).